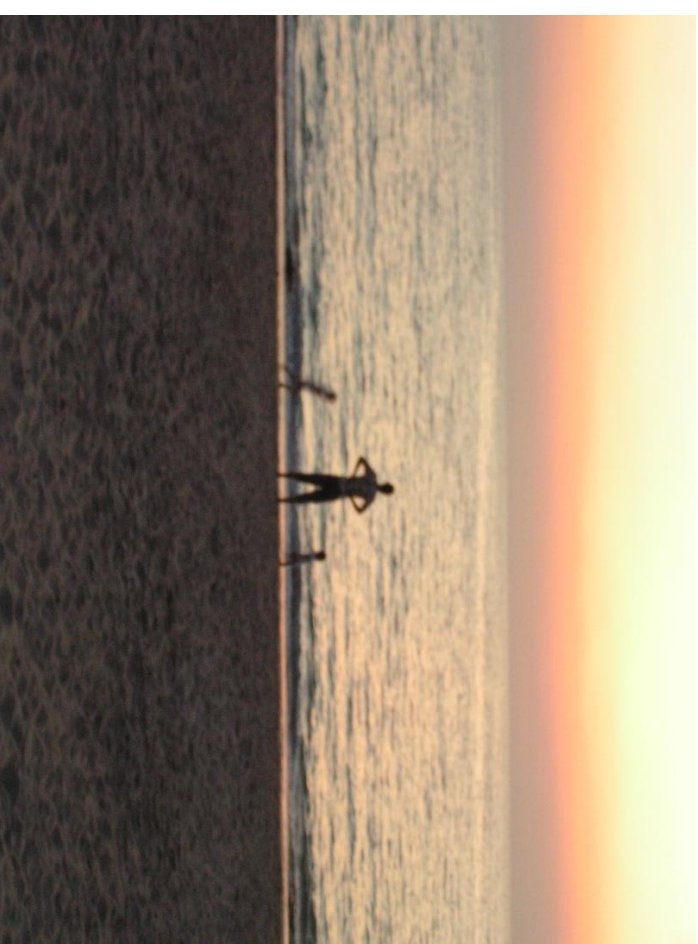


Scrum, requirements and product management

Scrum Day DK 2016

Kennie Nybo Pontoppidan

- Senior Manager at IMS Health
- Have worked with Agile methods since 2005
- Certified scrum master and product owner
- 17+ years in the it industry
- Has no humor



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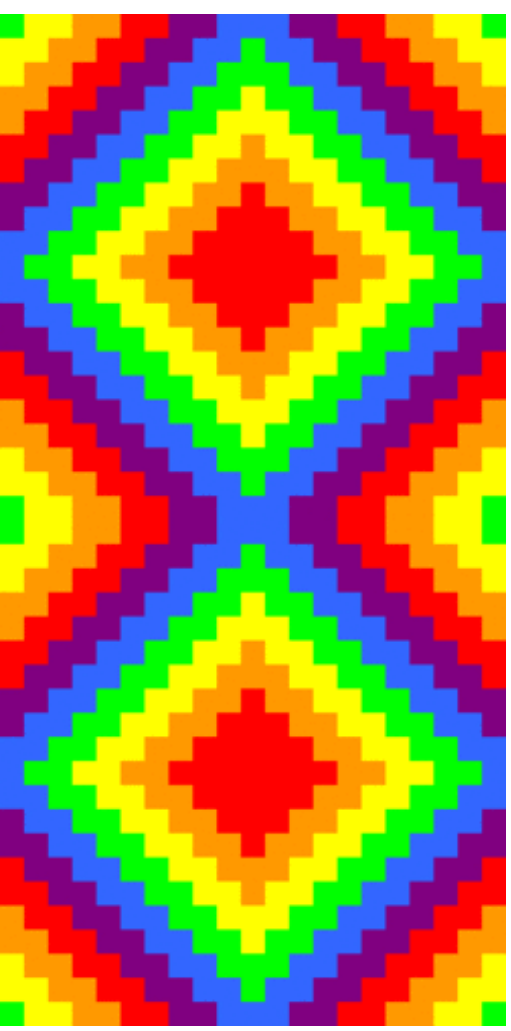
 www.pontop.dk



Agenda

- About the Effektor product
- Let me tell you a story...
- Document types that we use
- Excerpts from the Agile manifesto

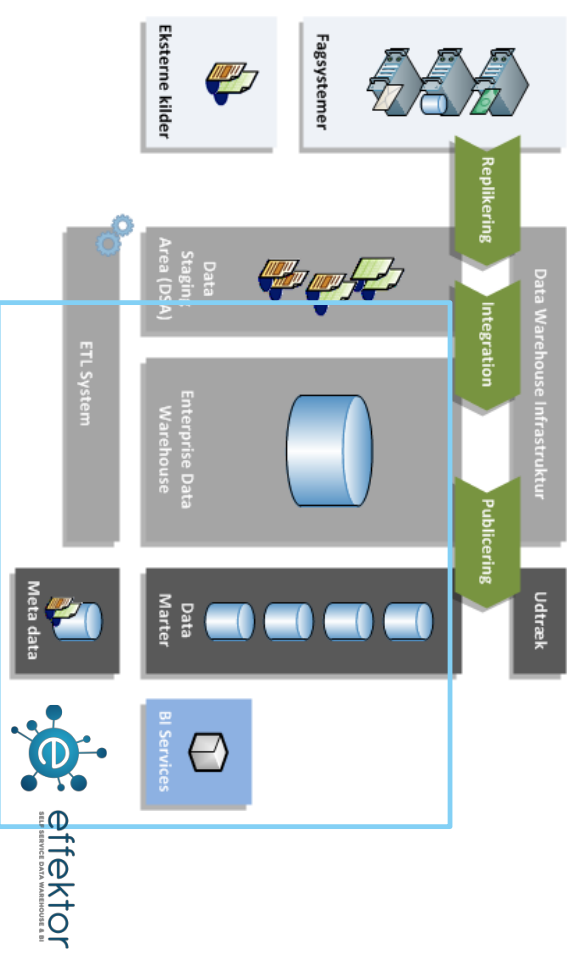
About the Effektor product





Effektor is...

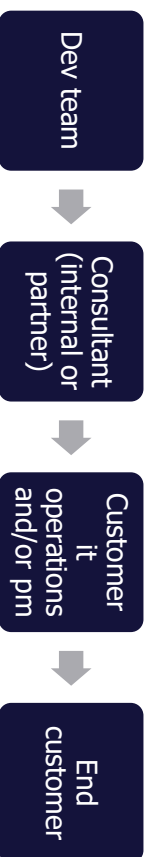
- Data warehouse generator and Business Intelligence platform
- Developed in more than 80 four week sprints
- Team of 3-5 developers
- Used internally for customer projects and by external partners
- 2-3 releases every year





Upgrades, updates and hotfixes

Communication paths



Code change paths



Let me tell you a story...



I'm the
PO

Image source: http://4.bp.blogspot.com/_L7J7IFr5NY/SwwgUzOSQul/AAAAAAAAAAZQ/eiyMhmpj3-E/s1600/confused_baby.jpg



I'm the
developer

Image source: <https://s-media-cache-ak0.pinimg.com/236x/e0/ab/63/e0ab63cae992931ccd6bc1a79873420d.jpg>



I'M THE
SPONSOR

Image source: [http://1.bp.blogspot.com/-qtan5S8YGBE/T74wBTt3K0I/AAAAAAAAHSEw/FNTK3A2L2rQ/s1600/sad+baby+face+photos+\(24\).jpg](http://1.bp.blogspot.com/-qtan5S8YGBE/T74wBTt3K0I/AAAAAAAAHSEw/FNTK3A2L2rQ/s1600/sad+baby+face+photos+(24).jpg)

First story

Why is this feature like this?



Image source: http://4.bp.blogspot.com/_L7J7lRk5NV/SwwqUzOSQuI/AAAAAAAAAAZQ/ejyMhnpj3-E/s1600/confused_baby.jpg

Second story

Too many rewrites



Image source: [http://1.bp.blogspot.com/-qtan5S8YGBE/T4wBTT3K0I/AAAAAAAAHSEw/FNTK3A2L2ro/s1600/sad+baby+face+photos+\(24\).jpg](http://1.bp.blogspot.com/-qtan5S8YGBE/T4wBTT3K0I/AAAAAAAAHSEw/FNTK3A2L2ro/s1600/sad+baby+face+photos+(24).jpg)

Third story

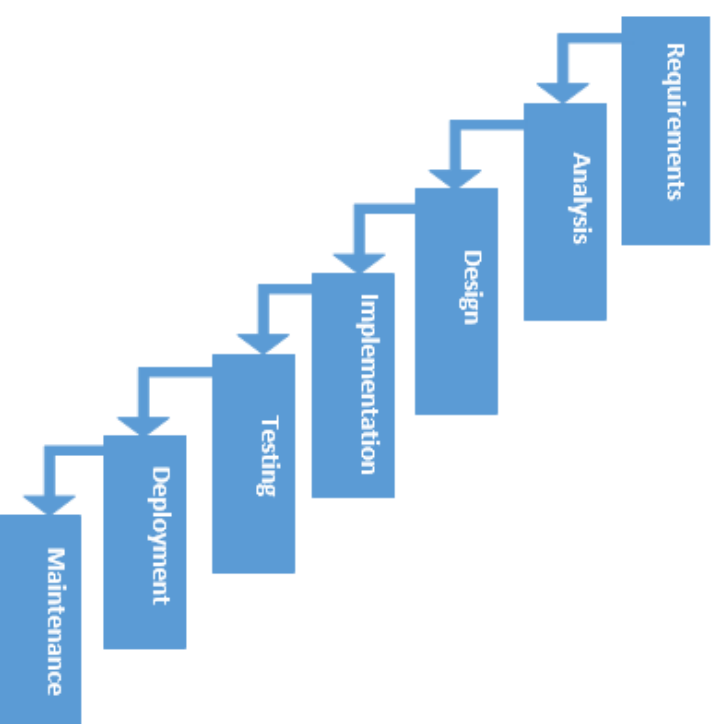
I need a plan and a roadmap



Image source: <https://s-media-cache-ak0.pinimg.com/236x/e0/ab/63/e0ab63cae992931ccd6bc1a79873420d.jpg>

Document types that

We use



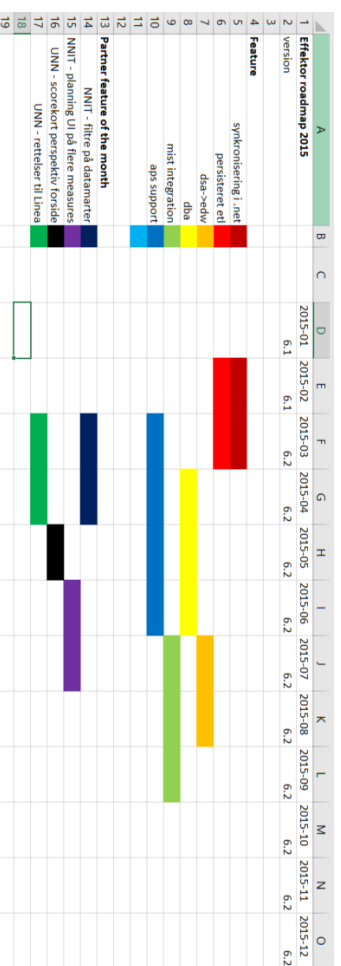
I need a plan
and a roadmap

The epic document and the roadmap

- Epic document in Word
 - High level requirements (the why's and description of end result)
 - More details for features in next release
 - Less details the further away
 - List of ideas (pre-product backlog)

— Roadmap in Excel

- Features from the epic doc
- Color coded
- Yearly planning



Epics i Effektor

Kennie Nybo Pontoppidan

Dette dokument beskriver et antal "epics" til kommende udgaver af Effektor. Et epic er en ny feature eller større opgradering til eksisterende funktionalitet, typisk samlet omkring et afgrænset område af produktet.

Contents	1
Version 6.2	1
Import	1
DBA og performance	1
ETL	2
Forretningsregler	3
Datamærker	4
SSAS	4
Linea 3.0	5
Længere udf i fremtiden	5
Version 6.0	7
Linea 2.0	7
Version 6.1	7
Scorekort 2.0	7

Feature requirements doc

Why is this feature like this?

- Feature requirements document in Word
- Written by PO, reviewed by dev team (and architects)
- States
- Business challenge (what problem does this solve for the customer)
- Overall requirements
- Possibly UI mockup
- References to literature

Kravspecifikation – bedre support for tid i Effektor

Indhold

Forretningsudfordring	1
Overordnede krav	1
Referencer	2
Dokumentversion	2

Forretningsudfordring

Det er pt. ikke muligt at modellere tid på en **fact** på lavere **granularitet** end på dagsniveau. Det betyder, at konsulenter er nødt til at lave **workarounds**, hvis et kundesystem indholder tidspunkter på facts. Det har været et problem på et projekt i Århus (Jan B har efterspurgt det) at vi ikke kan det og er essentielt for vores samarbejde med **Cetrea**. Linea vil ikke være brugbart til process-BI hvis vi ikke kan have tidspunkter med lavere **Granularitet**.

Overordnede krav

1. **Fact**-tabeller i EDW skal kunne understøtte både datoer og tidspunkter på dagen
 - a. I første omgang skal SQL-serverns dato-datatype datetimer understøttes
 - b. Alle SQL-serverns dato datatyper med tid skal på sigt kunne bruges
2. Tid skal kunne være rolleblanding lige som for den nuværende understøttelse af datoer
3. Brugeren skal have hjælp til at vælge den rigtige datatyper for dag/tid
4. Brugeren skal oplyses om, hvilke konsekvenser i hhv. USA, EDW, DM og kuber, som valget af de forskellige datatyper for dag/tid har.
5. Datamærker skal have en ny dimension, **DimTimeOfDay**, hvis der findes facts med tidspunkter.
 - a. **Granularitet** i **DimTimeOfDay** skal være sekunder¹

Solution design doc

Too many
rewrites

- Solution design document in Word
- Written by dev team, reviewed by PO (and architects)
- States
- Metadata model changes
- UI requirements
- Auto generator requirements
- Update scenarios
- Installer changes
- References

Løsningsbeskrivelse - bedre support for tid i Effektor

Indhold	
Løsningsdesign	1
Udvidelse til metadata	1
UI	2
Tabeller	2
Scripts	2
Installer	2
EDW tabeller	3
DSA tabeller	3
DSA-EDW load	3
DM	3
OLAP	3
Påvirkning af andre moduler	3
Mockup	3
Referencer	4
Dokumentversion	4

Excerpts from the Agile manifesto

Why can this still be considered agile?



Agile manifesto - values

Individuals and interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan



Agile manifesto - principles

Welcome **changing requirements**, even late in development. Agile processes harness change for the customer's competitive advantage

<http://www.agilemanifesto.org/>



Agile manifesto - principles

Working software is the primary measure of progress.

<http://www.agilemanifesto.org/>



Agile manifesto - principles

Agile processes promote **sustainable development**.

The sponsors, developers, and users should be able to maintain a constant pace indefinitely.



Agile manifesto - principles

Continuous attention to technical excellence

and good design enhances agility.



Agile manifesto - principles

Simplicity - the art of **maximizing the amount of work not done** - is essential.



Agile manifesto - principles

The best architectures, requirements, and designs emerge from **self-organizing teams**.

<http://www.agilemanifesto.org/>



Questions and/or comments?



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